

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1.(Currently Amended) An traffic generating apparatus to generate a data stream in a block spreading code division multiple access mobile communication system, the apparatus comprising:

a chip spreading unit tofor generate a first data stream including m spread symbols by spreading n the predetermined number of symbols using by aone spreading code; and

a symbol generating unit tofor generating a second data stream including the first data stream, a forward guard data stream and a backward guard data stream,

wherein the symbol generating unit generates the forward guard data stream symbols by repeatedly copying a first spread symbol among of m the spread symbols by p the number of times to make reduction of interference due to multiple paths possible, generating the backward guard data stream symbols by repeatedly copying qa plurality of rear spread symbols among m of the spread symbols using in a mirror manner, starting from a last spread symbol among of m the spread symbols, by r the number of times to make reduction of interference due to multiple paths possible, and outputting the generated forward and backward guard symbols, and each of m, n, p, q and r is an integer greater than or equal to 1.

2. (Currently Amended) The traffic generating apparatus as set forth in claim 1, wherein the symbol generating unit comprises:

a latch circuit tofor latching and outputting thea first spread symbol repeatedly input from the chip spreading unit during a first predetermined time period of time;

a delay circuit to for delaying the first data stream and outputting symbols input from the chip spreading unit by a second time period identical to the first of time period of output of the latch circuit;

a buffer to for receiving and storing m spread the predetermined number of symbols, starting from the a-last spread symbol among m of the spread symbols input from the chip spreading unit, and outputting m spread the stored symbols using in-a last in first out (LIFO) manner; and

a multiplexer to for generating the second data stream by multiplexing first symbol output offrom the latch circuit as the forward guard data streamsymbol, outputting the output of the delay circuit as the first data stream, and outputting the symbols output of from the buffer as the backward guard data streamsymbols.

3. (Currently Amended) A method to for generate a data streaming traffic in a block spreading code division multiple access mobile communication system, the method comprising the steps of:

generating a first data stream including m spread symbols by spreading n the predetermined number of symbols using a by one spreading code; and

generating a second data stream including the first data stream, a forward guard data stream and a backward guard data streamand outputting forward guard symbols by repeatedly copying a first symbol of the spread symbols by the number of times to make reduction of interference due to multiple paths possible,;

outputting the spread symbols successively after the output of the forward guard symbols; and

generatingwherein the forward guard data stream is generated by repeatedly copying a first spread symbol among m symbols by p times, the backward guard data stream is generated symbols by repeatedly copying qa plurality of rear spread symbols of among m the spread symbols using in-a mirror manner, starting from a last spread symbol among of them spread symbols, by rthe number of times, and each of m, n, p, q and r is an integer greater than or equal to 1 to make reduction of interference due to multiple paths possible, and outputting the generated backward guard symbols successively after the output of the spread symbols.

4. (Canceled)

5. (Canceled)

6. (Canceled)

7. (Canceled)